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Effective on 12/08/04 <div style="text-align: center;">  </div>		<div style="text-align: right; font-weight: bold;">Complete if Known</div> <table border="1" style="width:100%; border-collapse: collapse;"> <tr><td>Application No.</td><td>10/690,810</td></tr> <tr><td>Filing Date</td><td>October 20, 2003</td></tr> <tr><td>First Inventor</td><td>James W. Meyer</td></tr> <tr><td>Group Art Unit</td><td>2188</td></tr> <tr><td>Examiner Name</td><td>Craig E. Walter</td></tr> <tr><td>Atty. Docket Number</td><td>501293.01 (30264/US)</td></tr> </table>		Application No.	10/690,810	Filing Date	October 20, 2003	First Inventor	James W. Meyer	Group Art Unit	2188	Examiner Name	Craig E. Walter	Atty. Docket Number	501293.01 (30264/US)																																																																																												
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<input type="checkbox"/> Applicant claims small entity status (see 37 C.F.R. 1.27)																																																																																																											
METHOD OF PAYMENT (Check One)		FEE CALCULATION (Continued)																																																																																																									
<input checked="" type="checkbox"/> The Director is hereby authorized to charge any additional fee required under 37 C.F.R. §§ 1.16 and 1.17 and 1.136(a)(3) and credit any over payments to Deposit Account No. 50-1266 ; Deposit Account Name: DORSEY & WHITNEY LLP . <input checked="" type="checkbox"/> Check Enclosed.		<div style="text-align: center; font-weight: bold;">3. ADDITIONAL FEES</div> <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:10%;">Large Entity Fee</th> <th style="width:10%;">Small Entity Fee</th> <th style="width:60%;">Fee Description</th> <th style="width:20%;">Fee paid</th> </tr> </thead> <tbody> <tr><td>50</td><td>25</td><td>Surcharge - late provisional filing fee or cover sheet</td><td>\$</td></tr> <tr><td>130</td><td>65</td><td>Surcharge - Late nonprovisional filing fee or oath</td><td>\$</td></tr> <tr><td>180</td><td>180</td><td>Submission of IDS</td><td>\$180</td></tr> <tr><td>40</td><td>40</td><td>Recording each patent assignment per property (times number of properties)</td><td>\$</td></tr> <tr><td>120</td><td>60</td><td>Extension for reply within first month</td><td>\$</td></tr> <tr><td>450</td><td>225</td><td>Extension for reply within second month</td><td>\$</td></tr> <tr><td>1,020</td><td>510</td><td>Extension for reply within third month</td><td>\$</td></tr> <tr><td>1,590</td><td>795</td><td>Extension for reply within fourth month</td><td>\$</td></tr> <tr><td>2,160</td><td>1,080</td><td>Extension for reply within fifth month</td><td>\$</td></tr> <tr><td>790</td><td>395</td><td>Submission After Final 1.129</td><td>\$</td></tr> <tr><td>500</td><td>250</td><td>Notice of Appeal</td><td>\$</td></tr> <tr><td>500</td><td>250</td><td>Filing a brief in support of an appeal</td><td>\$</td></tr> <tr><td>1,000</td><td>500</td><td>Request for oral hearing</td><td>\$</td></tr> <tr><td>130</td><td>65</td><td>Terminal Disclaimer Fee</td><td>\$</td></tr> <tr><td>800</td><td>400</td><td>Design Issue Fee</td><td>\$</td></tr> <tr><td>790</td><td>395</td><td>Request for Continued Examination (RCE)</td><td>\$</td></tr> <tr><td>130</td><td></td><td>Request for voluntary publication or republication</td><td>\$</td></tr> <tr><td>500</td><td>250</td><td>Petition to Revive - unavoidable</td><td>\$</td></tr> <tr><td>1,500</td><td>750</td><td>Petition to Revive - unintentional</td><td>\$</td></tr> <tr><td>200</td><td></td><td>Filing for patent term adjustment</td><td>\$</td></tr> <tr><td>400</td><td></td><td>Request for reinstatement of term reduced</td><td>\$</td></tr> <tr><td>1,120</td><td></td><td>Extension of term of patent</td><td>\$</td></tr> <tr><td colspan="3">OTHER FEE (specify)</td><td>\$</td></tr> <tr> <td colspan="3" style="text-align: right; font-weight: bold;">Subtotal (Additional Fees)</td> <td>\$180</td> </tr> <tr> <td colspan="3" style="text-align: right; font-weight: bold;">Total Amount of Payment:</td> <td>\$180</td> </tr> </tbody> </table>		Large Entity Fee	Small Entity Fee	Fee Description	Fee paid	50	25	Surcharge - late provisional filing fee or cover sheet	\$	130	65	Surcharge - Late nonprovisional filing fee or oath	\$	180	180	Submission of IDS	\$180	40	40	Recording each patent assignment per property (times number of properties)	\$	120	60	Extension for reply within first month	\$	450	225	Extension for reply within second month	\$	1,020	510	Extension for reply within third month	\$	1,590	795	Extension for reply within fourth month	\$	2,160	1,080	Extension for reply within fifth month	\$	790	395	Submission After Final 1.129	\$	500	250	Notice of Appeal	\$	500	250	Filing a brief in support of an appeal	\$	1,000	500	Request for oral hearing	\$	130	65	Terminal Disclaimer Fee	\$	800	400	Design Issue Fee	\$	790	395	Request for Continued Examination (RCE)	\$	130		Request for voluntary publication or republication	\$	500	250	Petition to Revive - unavoidable	\$	1,500	750	Petition to Revive - unintentional	\$	200		Filing for patent term adjustment	\$	400		Request for reinstatement of term reduced	\$	1,120		Extension of term of patent	\$	OTHER FEE (specify)			\$	Subtotal (Additional Fees)			\$180	Total Amount of Payment:			\$180
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CUSTOMER NUMBER	DORSEY & WHITNEY LLP	1420 Fifth Avenue, Suite 3400 Seattle, WA 98101-4010 (206) 903-8800 phone / (206) 903-8820 fax																																																																																																									
Name: Kimton N. Eng		Reg. No.: 43,605																																																																																																									
Signature: 		Date: June 21, 2006																																																																																																									



PATENT

I hereby certify that on the date specified below, this correspondence is being deposited with the United States Postal Service as first-class mail in an envelope addressed to Mail Stop Issue Fee, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

June 21, 2006
Date

Ayesha J. Shaikh
Ayesha J. Shaikh

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Appl. No. :	10/690,810	Confirmation No. :	1608
Applicants :	James W. Meyer and Cory Kanski		
Filed :	October 20, 2003	Attorney Docket No.:	501293.01 (30264/US)
Art Unit :	2188	Customer No. :	27,076
Examiner :	Craig E. Walter		
Title :	ARBITRATION SYSTEM AND METHOD FOR MEMORY RESPONSES IN A HUB-BASED MEMORY SYSTEM		

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Mail Stop Issue Fee
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

In accordance with 37 C.F.R. §§ 1.56 and 1.97 through 1.98, applicants wish to make known to the Patent and Trademark Office the references set forth on the attached form PTO-1449. A copy of the cited non-patent literature reference, as required under 37 C.F.R. § 1.98(a)(2), is enclosed. Copies of the cited U.S. patents and U.S. patent application publications will not be submitted herewith in accordance with the waiver by the Office of the requirement under 37 C.F.R. § 1.98(a)(2)(i) for U.S. national patent applications filed after June 30, 2003. Although the aforesaid references are made known to the Patent and Trademark Office in compliance with applicants' duty to disclose all information they are aware of which is believed relevant to the examination of the above-identified application, applicants believe that their invention is patentable.

Applicants also wish to make known to the Patent and Trademark Office that an application, Serial No. 11/398,018, describing and claiming subject matter that is similar to the subject matter of this application, was filed on April 4, 2006. This related application, as well as any prior art cited therein, may be material to the examination of this application. A copy of this related application as filed is submitted herewith in accordance with 37 C.F.R. § 1.98(d).

Applicants also wish to make known to the Patent and Trademark Office that an application, Serial No. 11/433,131, describing and claiming subject matter that is similar to the subject matter of this application, was filed on May 11, 2006. This related application, as well as any prior art cited therein, may be material to the examination of this application. A copy of this related application as filed is submitted herewith in accordance with 37 C.F.R. § 1.98(d).

Applicants also wish to make known to the Patent and Trademark Office that an application, Serial No. 11/418,933, describing and claiming subject matter that is similar to the subject matter of this application, was filed on May 4, 2006. This related application, as well as any prior art cited therein, may be material to the examination of this application. A copy of this related application as filed is submitted herewith in accordance with 37 C.F.R. § 1.98(d).

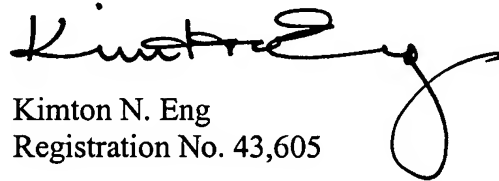
I hereby certify that no item set forth on the attached form PTO-1449 was first cited in a communication from a foreign patent office in a counterpart foreign application, and, to our knowledge, after making reasonable inquiry, no item of information set forth on the attached form PTO-1449 was known to any individual designated in 37 C.F.R. § 1.56(c) more than three months prior to the filing of this Supplemental Information Disclosure Statement.

A fee of \$180 is submitted in accordance with 37 C.F.R. § 1.97(d). The Commissioner is authorized to charge any other fees which may be required, or credit any overpayment to Deposit Account No. 50-1266. A duplicate copy of this sheet is enclosed.

Please acknowledge receipt of this Supplemental Information Disclosure Statement and kindly make the cited references of record in the above-identified application.

Respectfully submitted,

DORSEY & WHITNEY LLP



Kimton N. Eng
Registration No. 43,605

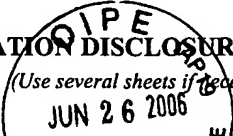
KNE:ajs

Enclosures:

- Postcard
- Check
- Fee Transmittal Sheet (+ copy)
- Copy of Supplemental Information Disclosure Statement
- Form PTO-1449
- Cited Reference (1)
- Copies of Related Applications (3)

1420 Fifth Avenue, Suite 3400
Seattle, WA 98101
Telephone (206) 903-8800
Facsimile (206) 903-8820

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FORM PTO-1449 (REV.7-80)	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO. 501293.01 (30264/US)	APPLICATION NO. 10/690,810
INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary) 		APPLICANT(S) James W. Meyer and Cory Kanski	
		FILING DATE October 20, 2003	GROUP ART UNIT 2188

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA	6,324,485 B1	11/27/01	Ellis	702	117	
	AB	6,636,912 B2	10/21/03	Ajanovic et al.	710	105	
	AC	6,782,435 B2	08/24/04	Garcia et al.	710	33	
	AD	6,901,494 B2	05/31/05	Zumkehr et al.	711	167	
	AE	6,912,612 B2	06/28/05	Kapur et al.	710	309	
	AF	2003/0005344 A1	01/02/03	Bhamidipati et al.	713	400	
	AG	2003/0156581 A1	08/21/03	Osborne	370	389	
	AH	2005/0015426 A1	01/20/05	Woodruff et al.	709	200	
	AI	2005/0105350 A1	05/19/05	Zimmerman	365	201	
	AJ	2005/0149603 A1	07/07/05	DeSota et al.	709	200	
	AK						
	AL						

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
	AM							
	AN							

OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

	AO	Rambus, Inc., "Direct Rambus™ Technology Disclosure", October 1997. pp. 1-16.
	AP	
	AQ	

EXAMINER	DATE CONSIDERED
* EXAMINER: Initial if reference considered, whether or not criteria is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant(s).	